

**Commonwealth of Kentucky**  
**Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: D. Brian Ballard

GENERAL INFORMATION:

Name:	Sun Fiberglass Products of Kentucky, Inc.
Address:	130 Holiday Lane Albany, KY 42602
Date application received:	3/27/2007
SIC Code/SIC description:	3089, Plastics Products, NEC (except plastics pipe fittings, inflatable plastics life jackets, plastics furniture parts, and plastics sausage casings)
Source ID:	21-053-00022
Source A.I. #:	84569
Activity ID:	APE20070001
Permit:	V-07-013

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
___Administrative	<input checked="" type="checkbox"/> Title V
___Minor	<input type="checkbox"/> Synthetic minor
___Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

### EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM/PM <sub>10</sub>	0	0.422
SO <sub>2</sub>	0	0.019
NO <sub>x</sub>	0	3.20
CO	0	0.671
VOC	0	95
Single HAPs		
1, 6-Hexamethylene Diisocyanate (CAS No. 822-06-0)	0	0.0014
Glycol Ether	0	0.0567
Methyl Methacrylate (CAS No. 80-62-6)	0	13.12
Styrene (CAS No. 100-42-5)	0	80.54
Toluene (CAS No. 108-88-3)	0	0.0014
Xylenes (CAS No. 1330-20-7)	0	0.0057
Source wide HAPs	0	93.72

### **SOURCE DESCRIPTION:**

Sun Fiberglass Products of Kentucky, Inc. will be a reinforced plastic composites production facility. The facility's predominate product will be fiberglass pools. Refer to the Statement of Basis for further details.

### **EMISSIONS AND OPERATING CAPS DESCRIPTIONS:**

The permit contains a source-wide limit on VOC emissions of 95 tons per consecutive 12-month and/or 48 week period. Pursuant to § 63.5805(c), the permittee shall meet the work practice standards in Table 4 of Subpart WWWW for the resin storage, equipment cleaning and mixing operations. Dry filters shall be in place during the application of gel coats and the filters shall be replaced periodically to assure design air flow for protection of employees, and to limit particulate emissions.

### **OPERATIONAL FLEXIBILITY:**

The permittee may comply with the emission standards in Table 3 of Subpart WWWW by using any one or combination of the compliance options in § 63.5810 (a), (b) or (c).